

RESOLUTION CONVERSION METHOD AND PIXEL DATA PROCESSING
CIRCUIT FOR SINGLE-PLATE-TYPE COLOR-IMAGE SENSOR

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ABSTRACT OF THE DISCLOSURE

A resolution conversion method and a pixel data processing circuit for a single-plate type color image sensor has been disclosed, in which resolution conversion processing and simultaneous processing can be performed with a simple configuration, an image of high sharpness can be obtained without degradation of resolution, and the pixel positions of respective colors coincide with each other. Resolution conversion processing that converts color data of each pixel output from a single-plate-type color-image sensor into data of a predetermined resolution and simultaneous processing that processes the color data so that the pixel positions of respective colors coincide with each other are performed simultaneously in the same circuit.